



All loading and design criteria supplied by customer is assumed accurate. Only the stated Design Assumptions were considered, and must be verified by the responsible Engineer of Record (EOR). The basis of Hilti component and connection design is the published data in the current Hilti Technical Guide, including material and cross-section properties, allowable load values, factors of safety, methods of calculation, and limiting factors. The EOR must verify suitability for any specific application, and the capacity of the supportive structure to receive the shown configuration and associated reaction loads. Modification to components and/or design may alter performance and must be evaluated by the EOR.

TYPICAL DETAIL TYPE:

CABLE TRAY SUPPORT

TYPICAL DETAIL DESCRIPTION:

F - SHAPE - 4 TIER - 36" TRAY

DESIGNED BY:
KL

REVIEWED BY:
AJV

DRAWN BY:
GAB

ISSUE DATE:
09 DEC 14

REVISIONS:

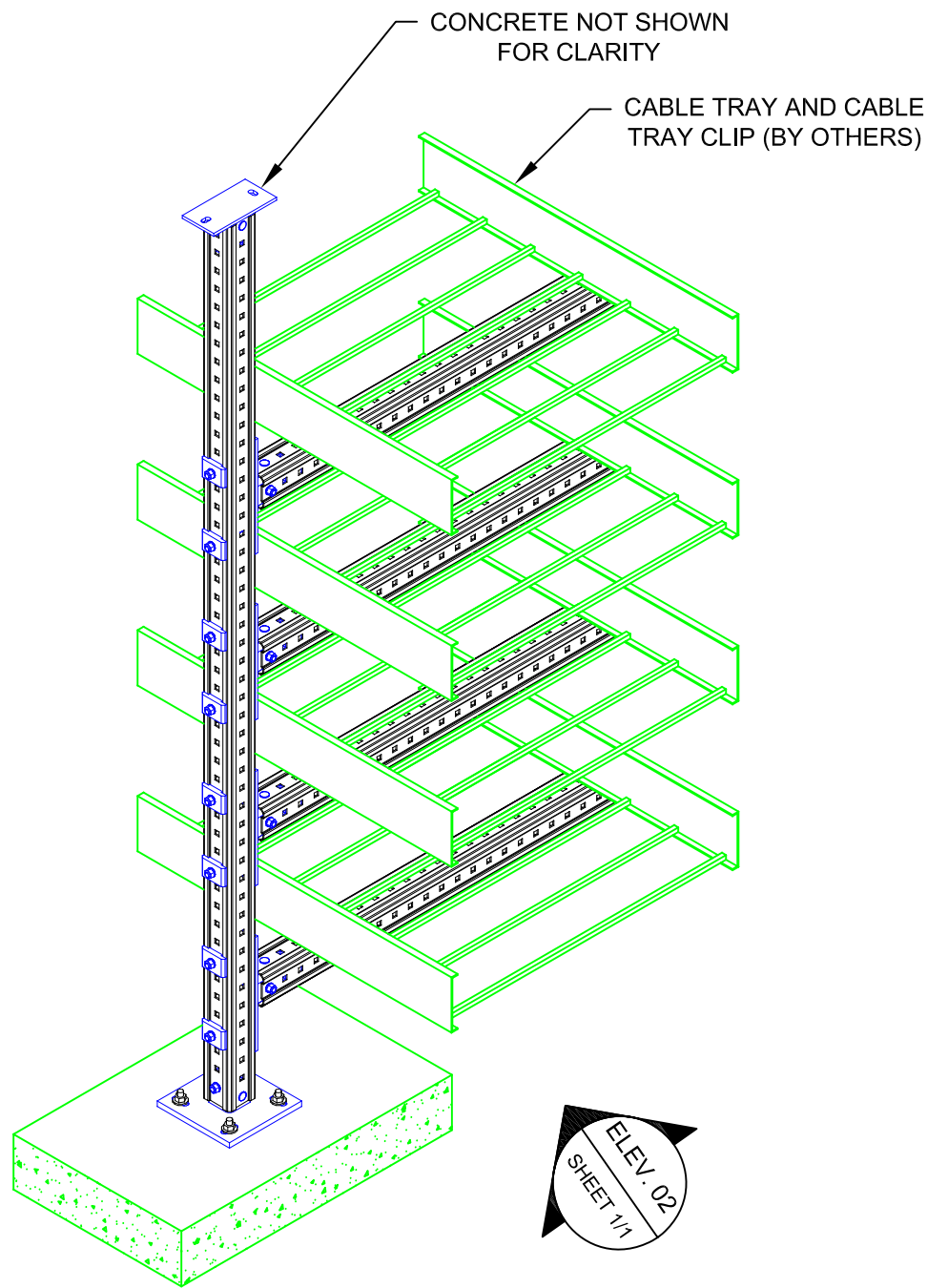
NO.	DESCRIPTION:	DATE:
A	ORIGINAL ISSUE	09 DEC 14

TYPICAL DETAIL NOMENCLATURE:

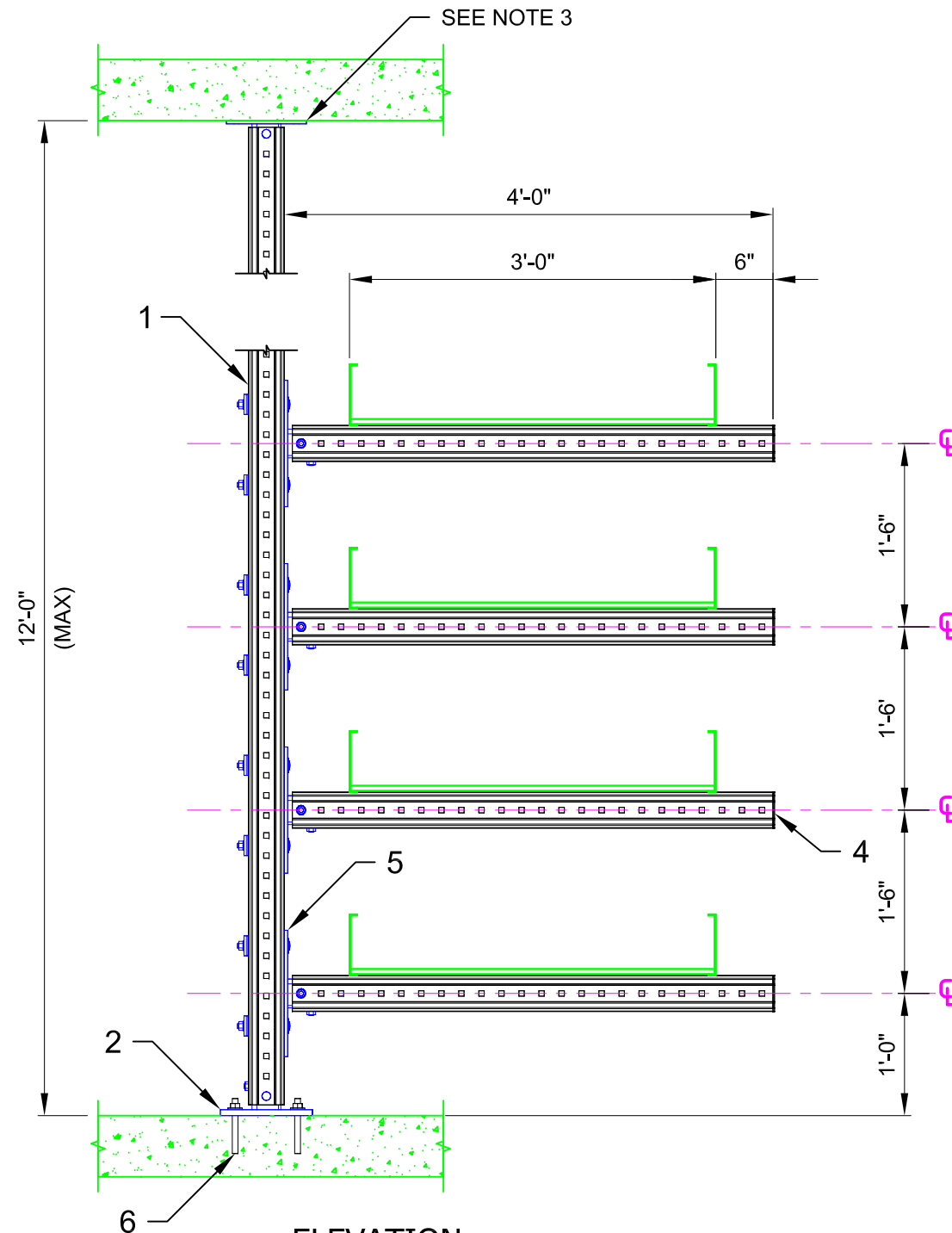
CT-F09-C

DRAWING NUMBER:
01

SHEET:
1/1



01 ISOMETRIC
N.T.S.



02 ELEVATION
N.T.S.

NOTE(S):

- 1. PRELIMINARY NOT FOR CONSTRUCTION
- 2. DESIGN LOADS:

DL: 30 lb/ft.
LL: N/A
WL: 0.32kPa
EL: $S_{DS} = 0.156$
 $S_{D1} = 0.032$

SNOW LOAD NOT INCLUDED DUE TO LOCATION OF SUPPORTS UNDER BLDG.

- 3. REFER TO APPROPRIATE IFUs FOR RECOMMENDED INSTALLATION INFO.
- 4. MAX. SUPPORT SPACING = 8'-0"
- 5. DESIGN BASED ON CONNECTION BETWEEN TOP OF MIC-C90-D AND BUILDING SUPPORT STRUCTURE. DESIGN BASED ON CONNECTION NO MORE THAN 12'-0" ABOVE BASE. DESIGN OF CONNECTION AND CAPACITY OF BLDG. SUPPORT STRUCTURE BY ENGINEER OF RECORD.

No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	AS REQ'D	EA	GIRDER MI-90 3M	1	AS REQ'D	304798
2	1	EA	CONNECTOR MIC-C90-D CONCRETE	2	1	304827
3	4	EA	GIRDER END CAP MIA-EC90	25	1	432077
4	4	EA	CONNECTOR MIC-90-L	2	2	304805
5	6	EA	USE KB3 OR KB-TZ AS APPROPRIATE	VARIABLES	VARIABLES	VARIABLES